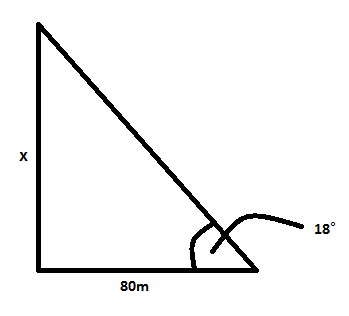
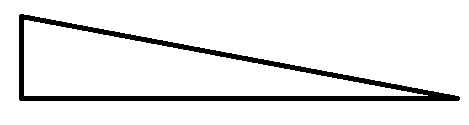
1. From a horizontal distance of 80.0 m, the angle of elevation to the top of a flagpole is 18°. Calculate the height of the flagpole to the nearest tenth of a metre.



1. A wheelchair ramp is 4.2 m long. It rises 0.7 m. What is its angle of inclination to the nearest degree?



1. From a cliff 140 feet above the shore line, an observer notes that the angle of depression of a ship is 21°. Find the distance from the ship to a point on the shore directly below the observer.

